



SHEET 1 OF 3

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. 2060-86 | SERIAL NO. 10/600,117 10/253,044 |
| | APPLICANT BRODERICK Lovell et al. | |
| | FILING DATE June 29, 2003 September 23, 2002 | GROUP ART 1724 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROP. |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
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| | | | | | | YES | NO |
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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| CAS | 1 | "Appendix B: Arsenic and Clarifications to Compliance and New Source Contaminants Monitoring; Final Rule (66 FR 6976)"; <i>Environmental Protection Agency</i> ; August 2002; pp. 1-174 |
| | 2 | "Arsenic Drinking Water"; <i>The National Academies Press</i> ; 1999; 5 pp. |
| | 3 | "Arsenic in Bangladesh Ground Water: World's Greatest Arsenic Calamity"; <i>International Conference</i> , Wagner College, Spiro Hall; Staten Island, NY, USA; February 27-28, 1999; 32 pgs. |
| | 4 | "Arsenic in Drinking Water: Treatment Technologies for Arsenic Decision Tree, Variances and Exemptions"; <i>Environmental Protection Agency</i> , June 2-3, 1999; pp. 1-9; website: http://www.epa.gov/cgi-bin/epaprintonly.cgi |
| | 5 | "Arsenic Toxicity"; <i>Agency for Toxic Substances and Disease Registry</i> ; October 2000; pp. 1-42 |
| | 6 | "Arsenic Treatment Technologies for Soil, Waste, and Water"; <i>US Environmental Agency</i> ; September 2002; pp. 1 - 16-4 |
| | 7 | Balasubramanian et al.; "Arsenic Removal from Industrial Effluent through Electrocoagulation"; <i>Chem. Eng. Technol.</i> ; 2001, Vol. 24, No. 5; pp. 519-521 |
| | 8 | Chwirka et al.; "Removing Arsenic from Groundwater"; <i>Journal AWWA - Executive Summary</i> ; March 2000, Vol. 92, No. 3, 2 pp.; website: http://www.awwa.org/Communications/journal/Archives/j300es4.htm |
| | 9 | Davis; "Aqueous Silica in the Environment: Effects on Iron Hydroxide Surface Chemistry and Implications for Natural and Engineered Systems"; <i>Master's Thesis, Virginia Polytechnic Institute and State University</i> ; May 9, 2000; pp. 1-30 |
| CAS | 10 | "Demonstration Project Summary: Arsenic Treatment Technology Demonstration"; <i>TAC, Montana University System Water Center</i> ; March 2001; 4 pp. |

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| EXAMINER <i>Ch. Johnson</i> | DATE CONSIDERED 7/5/05 |
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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. 2060-92 | SERIAL NO. 10/600,117 |
| APPLICANT LOVELL et al. | | |
| FILING DATE June 20, 2003 | | GROUP ART 1724 |

U.S. PATENT DOCUMENTS

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| | | | | | YES | NO |
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

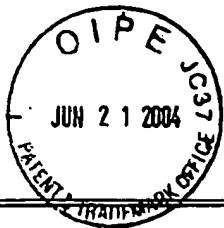
| | | |
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| CAS | 1 | "Appendix B: Arsenic and Clarifications to Compliance and New Source Contaminants Monitoring; Final Rule (66 FR 6976)"; <i>Environmental Protection Agency</i> ; August 2002; pp. 1-174 |
| | 2 | "Arsenic Drinking Water"; <i>The National Academies Press</i> ; 1999; 5 pp. |
| | 3 | "Arsenic in Bangladesh Ground Water: World's Greatest Arsenic Calamity"; <i>International Conference , Wagner College, Spiro Hall; Staten Island, NY, USA</i> ; February 27-28, 1999; 32 pgs. |
| | 4 | "Arsenic in Drinking Water: Treatment Technologies for Arsenic Decision Tree, Variances and Exemptions"; <i>Environmental Protection Agency</i> ; June 2-3, 1999; pp. 1-9; website: http://www.epa.gov/cgi-bin/epaprintonly.cgi |
| | 5 | "Arsenic Toxicity"; <i>Agency for Toxic Substances and Disease Registry</i> ; October 2000; pp. 1-42 |
| | 6 | "Arsenic Treatment Technologies for Soil, Waste, and Water"; <i>US Environmental Agency</i> ; September 2002; pp. 1 - 16-4 |
| | 7 | Balasubramanian et al.; "Arsenic Removal from Industrial Effluent through Electrocoagulation"; <i>Chem. Eng. Technol.</i> ; 2001, Vol. 24, No. 5; pp. 519-521 |
| | 8 | Chwirka et al.; "Removing Arsenic from Groundwater"; <i>Journal AWWA - Executive Summary</i> ; March 2000, Vol. 92, No. 3, 2 pp.; website: http://www.awwa.org/Communications/Journal/Archives/j300es4.htm |
| | 9 | Davis; "Aqueous Silica in the Environment: Effects on Iron Hydroxide Surface Chemistry and Implications for Natural and Engineered Systems"; <i>Master's Thesis, Virginia Polytechnic Institute and State University</i> ; May 9, 2000; pp. 1-30 |
| | 10 | "Demonstration Project Summary: Arsenic Treatment Technology Demonstration"; <i>TAC, Montana University System Water Center</i> ; March 2001; 4 pp. |
| CAS | 11 | Drieaus et al.; "Granular Ferric Hydroxide - A New Absorbent for the Removal of Arsenic from Natural Water"; <i>J. Water SRT - Aqua</i> ; 1998 Vol. 47, No. 1; pp. 30-35 |

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|---|------------------------|
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| | APPLICANT LOVELL et al. | |
| | FILING DATE June 20, 2003 | GROUP ART 1724 |

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|-----|----|---|
| CAS | 12 | "EPA Needs More Stringent Standard for Arsenic in Drinking Water"; <i>US Water News Online</i> ; April 1999; 3 pgs.; website: http://www.uswaternews.com/archives/arcquality/9epanee4.htm . |
| | 13 | Fields et al.; "Arsenic Removal from Drinking Water by Coagulation/Filtration and Lime Softening Plants"; <i>National Risk Management Research Laboratory, US Environmental Protection Agency in Cincinnati, OH</i> ; June 2000; pp. 1-96 |
| | 14 | "Future Water Needs in Colorado"; <i>Colorado State Demographer</i> ; 1994; 1 pg.; website: http://waterknowledge.colostate.edu/future.htm |
| | 15 | Hering et al.; "Arsenic Removal by Ferric Chloride"; <i>Journal AWWA</i> ; April 1996; pp. 155-167 |
| | 16 | Kiura et al.; "Bactericidal Activity of Electrolyzed Acid Water from Solution Containing Sodium Chloride at Low Concentration, in Comparison with that at High Concentration"; <i>Journal of Microbiological Methods</i> ; 2002, Vol. 49, pp. 285-293 |
| | 17 | Kraft et al.; "Electrochemical Water Disinfection Part I: Hypochlorite Production from Very Dilute Chloride Solutions"; <i>Journal of Applied Electrochemistry</i> ; 1999; Vol. 29, pp. 861-868 |
| | 18 | Lepkowski; "Arsenic Crisis Spurs Scientists"; <i>C & EN</i> ; May 17, 1999; pp. 45-49 |
| | 19 | "List of Drinking Water Contaminants & MCLs"; <i>US Environmental Protection Agency</i> ; (Last updated March 18, 2004); pp. 1-12 and 1-6 |
| | 20 | Mollah et al.; "Electrocoagulation (EC) - Science and Applications"; <i>Journal of Hazardous Materials</i> , B84; 2001, pp. 29-41 |
| | 21 | Morita et al.; "Disinfection Potential of Electrolyzed Solutions Containing Sodium Chloride at Low Concentrations"; <i>J Viro Methods</i> ; March 2000; Vol. 85(1-2); pp. 163-174 |
| | 22 | Nolan; "National Statistical Analysis of Nutrient Concentrations in Ground Water"; URL: http://water.usgs.gov/nawqa/nutrients/datasets/nutconc2000/ ; 4 pgs. <i>No dak.</i> |
| | 23 | "Proven Alternatives for Aboveground Treatment of Arsenic in Groundwater"; <i>US Environmental Protection Agency</i> ; October 2002; pp. 1 - E-2 |
| | 24 | "Public Health Statement for Arsenic"; <i>Agency for Toxic Substances and Disease Registry</i> ; September 2000; 12 pgs.; website: http://www.atsdr.cdc.gov/ToxProfiles/phs8802.html |
| | 25 | Renk; "Treatment of Hazardous Wastewaters by Electrocoagulation"; <i>Colorado Hazardous Waste Management Society</i> ; November 6-7, 1989; 12 pgs. |
| | 26 | Smith et al.; "Contamination of Drinking-Water by Arsenic in Bangladesh: A Public Health Emergency"; <i>World Health Organization</i> ; 2000; pp. 1093-1103 |
| | 27 | Welch et al.; "Arsenic in Ground-Water Resources of the United States"; <i>US Geological Survey</i> ; May 2000; 4 pgs. |
| CAS | 28 | Woodwell et al.; "Water Efficiency for Your Home"; <i>Rocky Mountain Institute 3rd Edition</i> ; 1995; pp. 1-18 |

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|----------------------|----|--------------------|---------------------|--------------------|-------|--------------|---------------------------|
| CAS | AA | US 2004/0013589 A1 | 1/22/04 (Pub. Date) | VOSTEEN ET AL. | B01D | 53/64 | |
| I | AB | 6,638,347 | 10/28/03 | EL-SHOUBARY ET AL. | B01D | 53/04 | |
| I | AC | US 2003/0161771 A1 | 8/28/03 (Pub. Date) | OEHR | B01D | 53/64 | |
| CAS | AD | 5,435,980 | 7/25/95 | FELSVANG ET AL. | C01G | 13/04 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|-----|----|--------------------|----------|---------|-------|--------------|-------------|----|
| | | | | | | | YES | NO |
| CAS | AE | WO 03/093518 A1 | 11/13/03 | PCT | C22B | 43/00 | | |
| | AF | | | | | | | |
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| EXAMINER <i>di john</i> | DATE CONSIDERED 6/31/05 |
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|----------------------|----|--------------------|----------|------------------|-------|--------------|---------------------------|
| CAS | AA | 3,677,696 | 07/18/72 | P. Bryk et al. | 23 | 2 | |
| | AB | 3,961,031 | 06/01/76 | Yasui et al. | 423 | 210 | |
| | AC | 4,160,730 | 07/10/79 | Nguyen | 210 | 48 | |
| | AD | 4,443,417 | 06/17/84 | Wiklund | 423 | 210 | |
| | AE | 4,583,999 | 06/22/86 | Lindahl et al. | 55 | 68 | |
| | AF | 4,693,731 | 09/15/87 | Tarakad et al. | 55 | 72 | |
| | AG | 5,294,417 | 03/15/94 | Moore et al. | 423 | 101 | |
| | AH | 6,153,108 | 11/28/00 | Klock et al. | 210 | 722 | |
| | AI | 6,214,304 B1 | 04/10/01 | Rosenthal et al. | 423 | 210 | |
| | AJ | 6,284,208 B1 | 09/04/01 | Thomassen | 423 | 210 | |
| | AK | 6,294,139 B1 | 09/25/01 | Vicard et al. | 423 | 210 | |
| | AL | 6,447,740 B1 | 09/10/02 | Caldwell et al. | 423 | 210 | |
| | AM | 6,534,024 B2 | 03/18/03 | Honjo et al. | 423 | 210 | |
| | AN | 2001/0007647 A1 | 07/12/01 | Honjo et al. | 423 | 210 | 11/30/00 |
| CAS | AO | 2003/0099585 A1 | 05/29/03 | Allgulin | 423 | 210 | 10/17/02 |
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| EXAMINER <i>C. Johnson</i> | DATE CONSIDERED 6/15/05 7/5/05 |
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|----------------------|----|--------------------|----------|--------------------|-------|--------------|---------------------------|
| CAS | AA | 1,697,095 | 1/01/29 | Turner | | | |
| | AB | 2,145,901 | 2/07/39 | Shoemaker | 210 | 23 | |
| | AC | 2,367,496 | 1/16/45 | Greentree | 252 | 299 | |
| | AD | 2,860,952 | 11/18/58 | Bergeron et al. | 23 | 134 | |
| | AE | 3,194,629 | 7/13/65 | Dreibelbis et al. | 23 | 2 | |
| | AF | 3,201,149 | 8/17/65 | Bragg | 285 | 39 | |
| | AG | 3,232,033 | 2/01/66 | Williston et al. | 55 | 387 | |
| | AH | 3,257,776 | 6/28/66 | Park et al. | 55 | 72 | |
| | AI | 3,374,608 | 3/26/68 | Manes | 55 | 72 | |
| | AJ | 3,499,837 | 3/10/70 | Jaunarajs | 210 | 59 | |
| | AK | 3,516,947 | 6/23/70 | Dudzik | 252 | 439 | |
| | AL | 3,576,947 | | Kruger | 178 | 69.5 | 1/16/69 |
| | AM | 3,674,428 | 7/04/72 | Dean et al. | 23 | 134 | |
| | AN | 3,740,331 | 6/19/73 | Anderson et al. | 210 | 53 | |
| | AO | 3,749,761 | 7/31/73 | Dean et al. | 423 | 562 | |
| | AP | 3,755,161 | 8/28/73 | Yokota et al. | 210 | 36 | |
| | AQ | 3,790,370 | 2/05/74 | Lalancette | 75 | 108 | |
| | AR | 3,835,217 | 9/10/74 | Dunsmoor | 423 | 499 | |
| | AS | 3,847,598 | 11/12/74 | Coulter et al. | 75 | 121 | |
| | AT | 3,857,704 | 12/31/74 | Coulter | 75 | 121 | |
| | AU | 3,864,327 | 2/04/75 | Marchant | 260 | 231A | |
| | AV | 3,873,581 | 3/25/75 | Fitzpatrick et al. | 260 | 370 | |
| | AW | 3,876,451 | 4/08/75 | Zall | 117 | 62 | |
| | AX | 3,890,225 | 6/17/75 | Kajiyama | 210 | 38 | |
| | AY | 3,935,098 | 1/27/76 | Oda, et al. | 210 | 38 | |
| | AZ | 3,947,354 | 3/30/76 | Swanson et al. | 210 | 53 | |
| | BA | 3,948,863 | 4/06/76 | Akamatsu et al. | 260 | 78A | |
| CAS | BB | 3,969,244 | 7/13/76 | Kobayashi et al. | 210 | 38B | |

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| EXAMINER: <i>C. Johnson</i> | DATE CONSIDERED: 7/5/05 |
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| | FILING DATE June 20, 2003 | GROUP ART 1724 |

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|-----|----|-----------|----------|-------------------|-----|-------|---------|
| (A) | BC | 3,984,606 | 10/05/76 | Morgan | 428 | 419 | |
| | BD | 3,994,719 | 11/30/76 | Corte et al. | 75 | 101BE | |
| | BE | 3,999,825 | 12/28/76 | Cannon | 339 | 15 | |
| | BF | 4,008,937 | 2/22/77 | Filippi | 339 | 15 | |
| | BG | 4,038,071 | 7/26/77 | Di Bella | 75 | 108 | |
| | BH | 4,051,316 | 9/27/77 | Wing et al. | 536 | 107 | |
| | BI | 4,053,401 | 10/11/77 | Fukushima et al. | 210 | 52 | |
| | BJ | 4,069,140 | 1/17/78 | Wunderlich | 208 | 251H | |
| | BK | 4,072,605 | 2/7/78 | Thelander | 210 | 50 | 5/25/76 |
| | BL | 4,083,783 | 4/11/78 | Wing et al. | 210 | 54 | |
| | BM | 4,087,359 | 5/02/78 | Patron, et al. | 210 | 50 | |
| | BN | 4,094,777 | 6/13/78 | Sugier et al. | 210 | 32 | |
| | BO | 4,101,631 | 7/18/78 | Ambrosini et al. | 423 | 210 | |
| | BP | 4,108,769 | 8/22/78 | Krieg et al. | 210 | 50 | 3/22/77 |
| | BQ | 4,118,243 | 10/03/78 | Sandersara | 106 | 109 | |
| | BR | 4,133,755 | 1/09/79 | Tarao, et al. | 210 | 38B | |
| | BS | 4,147,626 | 4/03/79 | Findlay et al. | 210 | 52 | |
| | BT | 4,151,077 | 4/24/79 | Nogueira, et al. | 210 | 21 | |
| | BU | 4,153,556 | 5/08/79 | Riedinger | 210 | 218 | |
| | BV | 4,196,173 | 4/01/80 | deJong et al. | 423 | 210 | |
| | BW | 4,230,486 | 10/28/80 | Capuano et al. | 75 | 81 | |
| | BX | 4,233,274 | 11/11/80 | Allgulin | 423 | 210 | |
| | BY | 4,238,329 | 12/09/80 | Zievers | 210 | 36 | |
| | BZ | 4,245,989 | 1/20/81 | Folkenroth et al. | 433 | 92 | 7/9/79 |
| | CA | 4,249,786 | 2/10/81 | Mahoff | 339 | 15 | |
| | CB | 4,256,227 | 3/17/81 | Petrovich | 209 | 166 | |
| | CC | 4,256,707 | 3/17/81 | Flynn, Jr. et al. | 423 | 42 | |
| | CD | 4,260,494 | 4/07/81 | Dotson et al. | 210 | 721 | |
| | CE | 4,273,747 | 6/16/81 | Rasmussen | 423 | 210 | |
| | CF | 4,285,564 | 8/25/81 | Spinner | 339 | 89C | |
| (A) | CG | 4,340,623 | 7/20/82 | Justus | 427 | 361 | |

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|-----|----|-----------|----------|--------------------|-----|------|----------|
| CAS | CH | 4,354,942 | 10/19/82 | Kaczur et al. | 210 | 712 | |
| | CI | 4,363,749 | 12/14/82 | Weiss et al. | 252 | 455R | |
| | CJ | 4,377,483 | 3/22/83 | Yamashita et al. | 210 | 670 | |
| | CK | 4,385,891 | 5/31/83 | Ligotti | 433 | 92 | |
| | CL | 4,419,107 | 12/06/83 | Roydhouse | 55 | 5 | |
| | CM | 4,459,370 | 7/10/84 | van der Wal et al. | 502 | 338 | |
| | CN | 4,474,896 | 10/02/84 | Chao | 502 | 216 | |
| | CO | 4,500,327 | 2/19/85 | Nishino et al. | 55 | 72 | |
| | CP | 4,564,374 | 1/14/86 | Hofmann | 55 | 57 | |
| | CQ | 4,591,437 | 5/27/86 | Emryd et al. | 210 | 265 | 6/1/83 |
| | CR | 4,599,177 | 7/08/86 | Hayashi et al. | 210 | 718 | |
| | CS | 4,614,592 | 9/30/86 | Googin et al. | 210 | 679 | |
| | CT | 4,654,322 | 3/31/87 | Holbein, et al. | 502 | 403 | |
| | CU | 4,670,160 | 6/02/87 | Moriya, et al. | 210 | 728 | |
| | CV | 4,695,447 | 9/22/87 | Shultz | 423 | 659 | |
| | CW | 4,709,118 | 11/24/87 | Yan | 585 | 820 | |
| | CX | 4,721,582 | 1/26/88 | Nelson | 252 | 189 | |
| | CY | 4,731,187 | 3/15/88 | Moriya et al. | 210 | 719 | |
| | CZ | 4,752,398 | 6/21/88 | Holbein, et al. | 210 | 679 | |
| | DA | 4,753,632 | 6/28/88 | Hofmann et al. | 494 | 43 | 11/25/86 |
| | DB | 4,764,219 | 8/16/88 | Yan | 134 | 2 | |
| | DC | 4,764,355 | 8/16/88 | Romey et al. | 423 | 244 | |
| | DD | 4,771,030 | 9/13/88 | Audeh | 502 | 414 | |
| | DE | 4,786,483 | 11/22/88 | Audeh | 423 | 210 | |
| | DF | 4,786,484 | 11/22/88 | Nelson | 423 | 239 | |
| | DG | 4,814,091 | 3/21/89 | Napier et al. | 210 | 665 | |
| | DH | 4,814,152 | 3/21/89 | Yan | 423 | 210 | |
| | DI | 4,834,953 | 5/30/89 | Audeh | 423 | 210 | |
| CAS | DJ | 4,843,102 | 6/27/89 | Horton | 521 | 28 | |

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|-----|----|-----------|----------|-----------------|-----|-------|---------|
| CAS | DK | 4,844,815 | 7/04/89 | Ader et al. | 210 | 751 | |
| | DL | 4,861,493 | 8/29/89 | Jansen | 210 | 715 | |
| | DM | 4,877,515 | 10/31/89 | Audeh | 208 | 251R | |
| | DN | 4,892,567 | 1/09/90 | Yan | 55 | 33 | |
| | DO | 4,902,662 | 2/20/90 | Toulboat et al. | 502 | 216 | |
| | DP | 4,909,926 | 3/20/90 | Yan | 208 | 253 | |
| | DQ | 4,909,944 | 3/20/90 | Jackson et al. | 210 | 674 | |
| | DR | 4,911,825 | 3/27/90 | Roussel et al. | 208 | 251R | |
| | DS | 4,915,818 | 4/10/90 | Yan | 208 | 251 | |
| | DT | 4,917,862 | 4/18/90 | Kraw et al. | 423 | 4 | |
| | DU | 4,919,826 | 4/24/90 | Alzner | 210 | 788 | |
| | DV | 4,933,158 | 6/12/90 | Aritsuka et al. | 423 | 210 | |
| | DW | 4,950,408 | 8/21/90 | Duisters et al. | 210 | 660 | |
| | DX | 4,962,276 | 10/09/90 | Yan | 585 | 867 | |
| | DY | 4,969,995 | 11/13/90 | Jackson et al. | 210 | 263 | |
| | DZ | 4,985,389 | 1/15/91 | Audeh | 502 | 516 | |
| | EA | 4,986,898 | 1/22/91 | Torihata et al. | 208 | 251 | |
| | EB | 5,017,135 | 5/21/91 | Meyer | 433 | 92 | |
| | EC | 5,034,054 | 7/23/91 | Woodward | 75 | 388 | |
| | ED | 5,053,209 | 10/01/91 | Yan | 423 | 210 | |
| | EE | 5,062,948 | 11/05/91 | Kawazoe et al. | 208 | 251 | |
| | EF | 5,064,626 | 11/12/91 | Johnson et al. | 423 | 245.1 | |
| | EG | 5,080,799 | 1/14/92 | Yan | 210 | 661 | 5/23/90 |
| | EH | 5,085,844 | 2/04/92 | Nowack et al. | 423 | 245.1 | |
| | EI | 5,107,060 | 4/21/92 | Yan | 585 | 823 | |
| | EJ | 5,114,578 | 5/19/92 | Sundström | 210 | 256 | 2/12/91 |
| CAS | EK | 5,120,515 | 5/09/92 | Audeh et al. | 423 | 210 | |

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| (A) | EL | 5,141,724 | 8/25/92 | Audeh et al. | 423 | 210 | |
| | EM | 5,154,833 | 10/13/92 | Robinson | 210 | 664 | |
| | EN | 5,173,286 | 12/22/92 | Audeh | 423 | 566.1 | |
| | EO | 5,192,163 | 3/09/93 | Fleming | 405 | 128 | |
| | EP | 5,202,301 | 4/13/93 | McNamara | 502 | 417 | |
| | EQ | 5,209,773 | 5/11/93 | Audeh et al. | 75 | 388 | |
| | ER | 5,227,053 | 7/13/93 | Brym | 210 | 143 | 11/30/90 |
| | ES | 5,238,488 | 8/24/93 | Wilhelm | 75 | 742 | |
| | ET | 5,245,106 | 9/14/93 | Cameron et al. | 585 | 823 | |
| | EU | 5,248,488 | 9/28/93 | Yan | 423 | 210 | |
| | EV | 5,298,168 | 3/29/94 | Guess | 210 | 713 | |
| | EW | 5,304,693 | 4/19/94 | Boitiaux et al. | 585 | 648 | |
| | EX | 5,308,500 | 5/03/94 | Schwarzbach | 210 | 716 | |
| | EY | 5,322,628 | 6/21/94 | Yan | 210 | 673 | |
| | EZ | 5,330,658 | 7/19/94 | Grant et al. | 210 | 717 | 3/17/93 |
| | FA | 5,336,835 | 8/09/94 | McNamara | 585 | 820 | |
| | FB | 5,338,444 | 8/16/94 | van Buren, et al. | 210 | 660 | |
| | FC | 5,357,002 | 10/18/94 | Lezzi et al. | 525 | 332.2 | |
| | FD | 5,360,632 | 11/01/94 | Johnson et al. | 427 | 212 | |
| | FE | 5,369,072 | 11/29/94 | Benjamin et al. | 502 | 84 | |
| | FF | 5,370,827 | 12/6/94 | Grant et al. | 588 | 18 | 4/2/93 |
| | FG | 5,391,217 | 2/21/95 | Zoche | 75 | 724 | |
| | FH | 5,409,522 | 4/25/95 | Durham et al. | 75 | 670 | |
| | FI | 5,419,884 | 5/30/95 | Weekman et al. | 423 | 210 | |
| | FJ | 5,421,994 | 6/06/95 | Sarrazin et al. | 208 | 251R | |
| | FK | 5,437,797 | 8/01/95 | Helmig | 210 | 669 | |
| CAJ | FL | 5,460,643 | 10/24/95 | Hasenpusch et al. | 95 | 134 | |

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| | APPLICANT LOVELL et al. | |
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| CAJ | FM | 5,463,167 | 10/31/95 | Ou | 585 | 823 | |
| | FN | 5,492,627 | 2/20/96 | Hagen et al. | 210 | 651 | |
| | FO | 5,523,067 | 6/04/96 | Markovs | 423 | 99 | |
| | FP | 5,536,416 | 7/16/96 | Coltrinari et al. | 210 | 723 | |
| | FQ | 5,569,436 | 10/29/96 | Lerner | 422 | 170 | |
| | FR | 5,577,910 | 11/26/96 | Holland | 433 | 92 | 5/27/94 |
| | FS | 5,599,515 | 2/04/97 | Misra et al. | 423 | 101 | |
| | FT | 5,607,496 | 3/04/97 | Brooks | 75 | 670 | |
| | FU | 5,613,851 | 3/25/97 | Trawöger et al. | 433 | 92 | |
| | FV | 5,658,487 | 8/19/97 | Carey et al. | 252 | 180 | |
| | FW | 5,667,695 | 9/16/97 | Bedard et al. | 210 | 681 | 5/20/96 |
| | FX | 5,670,122 | 9/23/77 | Zamansky et al. | 423 | 210 | |
| | FY | 5,679,259 | 10/21/97 | Bolser | 210 | 719 | |
| | FZ | 5,695,726 | 12/09/97 | Lerner | 423 | 210 | |
| | GA | 5,741,397 | 4/21/98 | Kraver | 159 | 25.2 | |
| | GB | 5,753,125 | 5/19/98 | Kreislser | 210 | 710 | |
| | GC | 5,795,159 | 8/18/98 | Ralls et al. | 433 | 92 | 2/2/96 |
| | GD | 5,797,742 | 8/25/98 | Fraker | 433 | 92 | 2/29/96 |
| | GE | 5,846,434 | 12/08/98 | Seaman et al. | 210 | 724 | |
| | GF | 5,880,060 | 3/9/99 | Blake et al. | 502 | 411 | 8/28/96 |
| | GG | 5,885,076 | 3/23/99 | Ralls et al. | 433 | 92 | 12/1/95 |
| | GH | 5,898,093 | 4/27/99 | Vos | 588 | 236 | |
| | GI | 5,900,042 | 5/04/99 | Mendelsohn et al. | 75 | 742 | |
| | GJ | 5,907,037 | 5/25/99 | Gujral et al. | 536 | 59 | |
| | GK | 5,908,559 | 6/01/99 | Kreislser | 210 | 710 | |
| | GL | 5,919,001 | 7/06/99 | Lin | 405 | 128 | |
| CAJ | GM | 5,922,277 | 7/13/99 | Donhoff et al. | 422 | 1 | |

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| CAJ | GN | 5,967,965 | 10/19/99 | Vyshkina et al. | 588 | 256 | |
| | GO | 5,976,270 | 11/02/99 | Zeletz et al. | 134 | 28 | |
| | GP | 5,976,383 | 11/02/99 | Guess et al. | 210 | 711 | |
| | GQ | 5,986,161 | 11/16/99 | Akae et al. | 588 | 231 | |
| | GR | 6,022,216 | 2/08/00 | Cattani | 433 | 92 | |
| | GS | 6,024,239 | 2/15/00 | Turner et al | 220 | 269 | |
| | GT | 6,083,306 | 7/04/00 | Cattani | 96 | 157 | |
| | GU | 6,083,473 | 7/04/00 | Esquivel et al. | 423 | 576.8 | |
| | GV | 6,103,205 | 8/15/00 | Wojtowicz et al. | 423 | 210 | |
| | GW | 6,132,623 | 10/17/00 | Nikolaidis et al. | 210 | 719 | |
| | GX | 6,139,485 | 10/31/00 | Pal et al. | 588 | 256 | |
| | GY | 6,139,751 | 10/31/00 | Bogaert et al. | 210 | 679 | |
| | GZ | 6,165,366 | 12/26/00 | Sarangapani | 210 | 666 | |
| | HA | 6,270,679 B1 | 8/07/01 | Kreislser | 210 | 710 | |
| | HB | 6,274,045 B1 | 8/14/01 | Kreislser | 210 | 710 | |
| | HC | 6,322,613 B1 | 11/27/01 | Wojtowicz et al. | 95 | 107 | |
| | HD | 6,372,187 B1 | 4/16/02 | Madden et al. | 422 | 171 | |
| | HE | 6,375,909 B1 | 4/23/02 | Dangtran et al. | 423 | 235 | |
| | HF | 6,387,276 B1 | 5/14/02 | Nikolaidis et al. | 210 | 719 | |
| | HG | 6,403,044 B1 | 6/11/02 | Litz et al. | 423 | 101 | |
| | HH | 6,524,371 B2 | 2/25/03 | El-Shoubary et al. | 95 | 134 | |
| | HI | 6,533,842 B1 | 3/18/03 | Maes et al. | 95 | 134 | |
| | HJ | 6,558,642 B2 | 5/06/03 | El-Shoubary et al. | 423 | 245-3 | |
| | HK | 10/134,178 | | Lovell | | | 4/26/02 |
| | HL | 09/794,557 | | Albiston et al. | | | 2/27/01 |
| | HM | 09/997,932 | | Broderick et al. | | | 11/28/01 |
| CAJ | HN | 10/253,944 | | Broderick | | | 9/23/02 |

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| CAS | HO | 10/681,671 | | Lovell | | 10/07/03 |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|-----|----|-----------------|----------|---------|-------|-----------|-------------|----|
| | | | | | | | YES | NO |
| CAS | HP | DE 3813 264 A1 | 11/10/88 | Germany | | | X | |
| | HQ | WO 02/096559 A1 | 5/31/01 | PCT | | | NA | NA |
| | HR | JP 48026672 A | 4/07/73 | Japan | | | X | |
| | HS | JP 51069483 | 6/16/76 | Japan | | | X | |
| | HT | DE 41 23907 A1 | 1/21/93 | Germany | | | X | |
| | HU | DE 44 22 468 A1 | 1/04/96 | Germany | | | X | |
| | HV | CA 2,173,171 | 10/26/96 | Canada | | | X | |
| CAS | HW | CA 2,173,271 | 2/23/99 | Canada | | | X | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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|-----|----|---|
| CAS | HX | January 20, 2003 print-out of E-watertechnologies' website at http://www.e-watertechnologies.com regarding Whole House Anion Water Conditioner, 2 pages. |
| | HY | January 20, 2003 print-out of E-watertechnologies' website at http://www.e-watertechnologies.com regarding Whole House Reverse Osmosis System, 4 pages. |
| | IA | January 20, 2003 print-out of Wholly Water® website at http://www.wholly-water.com regarding The Ultimate Drinking Water Purification System, 9 pages. |
| | IB | January 20, 2003 print-out of Prostar Mechanical Technologies Ltd. website at http://www.prostar-mechanical.com regarding Water Purification Systems and Equipment, 4 pages. |
| | IC | January 20, 2003 print-out of A1 Ultra Pure Drinking Water's website at http://www.a1ultrapure.com/drink.html regarding Drinking Water Systems, 8 pages. |
| | ID | January 21, 2003 print-out of Apyron Technologies' website at http://www.apyron.com/home.html beginning with home page and including The Complete Arsenic Treatment Solution, 15 pages. |
| CAS | IE | January 20, 2003 print-out of USFilter website at http://www.usfilter.com/water regarding GFHTM Granular Ferric Hydroxide Media, 2 pages. |

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| | APPLICANT LOVELL et al. | |
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| CAJ | IF | January 20, 2003 print-out of Severn Trent Services at http://www.severntrentservices.com regarding SORB33, 2 pages. |
| | IG | January 20, 2003 print-out of ADI website at http://www.adi.ca regarding Arsenic Removal, 1 page. |
| | IH | January 20, 2003 print-out of TRAMFLOC, INC. website at http://www.tramfloc.com regarding Application of ActiGuard AAFS50 to Arsenic Removal, 3 pages. |
| | II | January 20, 2003 print-out of Waste Technolgoies of Australia Pty. Ltd. (Arsenic Solutions Information Page, Solutions and Resources) at http://www.arsenic-solutions.com regarding Simple Arsenic Removal Process (site under reconstruction), 2 pages. |
| | IJ | January 20, 2003 print-out of WRT website at http://wrtmet.com regarding The Z-33™ Arsenic Removal Process, 1 page. |
| | IK | Agion Antimicrobial, Agion Technologies L.L.C., The Most Advanced Antimicrobial Silver Delivery System, An Introduction, 10 page. <i>No date.</i> |
| | IL | Bayer Corporation, Plastics Division, "Wheel Covers, Center Caps Become Revolving Art Forms With New Film Insert Molding Technology," 4 pages. <i>No date.</i> |
| | IM | Brown, et al; "Mercury Measurement and Its Control: What We Know, Have Learned, and Need to Further Investigate;" J. Air & Water Manage. Assoc., pp. 1-97; June 1999 |
| | IN | Gash, et al; "Efficient Recovery of Elemental Mercury from Hg(II)-Contaminated Aqueous Media Using a Redox-Recyclable Ion-Exchange Material;" Environ. Sci. Technol. 1988, 32, 1007-1012 |
| | IO | Dorhout and Strauss; "The Design, Synthesis, and Characterization of Redox-Recyclable Materials for Efficient Extraction of Heavy Element Ions form Aqueous Waste Streams;" 1999 American Chemical Society, pp. 53-68. |
| | IP | Rose, Arthur W., Hawkes, Herbert E., Webb, John S., "Geochemistry in Mineral Exploration," Second Edition, 1979, 3 pgs. |
| | IQ | Maximum Separation Systems brochure, 7 pgs. <i>No date.</i> |
| | IR | Maximum Product Information brochure, printed April 14, 2000 from website http://www.amalgamseparators.com , 3 pgs. |
| | IS | April 14, 2000 printout of ISOSEP® found at website http://www.drs.nl , 2 pgs. |
| | IT | Maximum Separation Systems, Inc. Model 2000 Type 4 Amalgam Separator brochure, 1 pg. <i>No date.</i> |
| | IU | Metasys brochure, 2 pgs. <i>No date.</i> |
| CAJ | IV | ADA Technologies, Inc. Final Progress Report Entitled "CLEANUP OF DENTAL AMALGAM WASTE TO MEET SEWER DISCHARGE REGULATIONS;" Grant No. 1 R43 ES07886-01, April 28, 1997, 43 PGS. |

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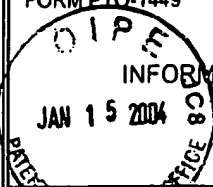
| | | |
|-----|----|--|
| CAS | IW | Bindsley; "DENTAL OFFICE WASTE STREAM CHARACTERIZATION STUDY;" Municipality of Metropolitan Seattle, Royal Dental College, Adv. Dent. Res. 6:125-130, Sept. 1991, 60 pgs. |
| | IX | Bill Johnson; Technical Memorandum on "MERCURY SOURCE IDENTIFICATION UPDATE: DENTAL OFFICES AND HUMAN WASTE;" EIP Associates; March 2, 1999, 25 pgs. |
| | IY | "Scientific Review of Issues Impacting Dentistry;" Naval Dental Research Institute; Vol. 2, No. 1, January 2000, 5 pgs. |
| | IZ | Pederson et al.; "The Removal of Mercury from Dental-Operatory Wastewater by Polymer Treatment;" Naval Dental Research Institute, Environmental Health Perspectives Vol. 107, No. January 1, 1999, 6 pgs. |
| | JA | Kümmerer et al.; "Mercury Emissions from Dental Chairs by Disinfection;" Institute of Environmental Medicine and Hospital Epidemiology, University Hospital Freiburg, <i>Chemosphere</i> , Vol. 35, No. 4, pps. 827-833, 1997. |
| | JB | Fan et al.; "Environmental issues in dentistry - mercury*;" International Dental Journal (1997)47, 105-109. *Project Initiated and report approved by FDI Commission. |
| | JC | "Best Management Practices for Dental Waste;" City of Boulder Public Works/Utilities; 9 pgs. No date. |
| | JD | Batchu et al., "Comparison of Particle Size Distributions of Dental Wastewater Under Various Clinical Procedures;" Naval Dental Research Institute Great Lakes, Illinois, 19 pgs. No date. |
| | JE | Cailas et al., "Physico-chemical Properties of Dental Wastewater;" Water Environmental Federation, Chicago, Illinois, October 1994, 11 pgs. |
| | JF | Arenholt-Bindsley and Larsen; "Mercury Levels and Discharge in Waste Water from Dental Clinics;" Waste, Air and Soil Pollution; 86:93-99, January 1996, 8 pgs. |
| | JG | Letzel et al.; "An Estimation of the Size Distribution of Amalgam Particles in Dental Treatment Waste;" J. Dent. Res. 76(3): 780-788; March 1997. |
| | JH | Listing of Abstracts from Int'l Conference "Arsenic in Bangladesh Ground Water: World's Greatest Arsenic Calamity," February 22-28, 1999, 22 pgs. |
| | JI | EPA "Arsenic in Drinking Water: Treatment Technologies for Arsenic Decision Tree, Variances and Exemptions," June 2-3, 1999, 9 pages. |
| | JJ | Driehaus, et al., "Granular ferric hydroxide - a new absorbent for the removal of arsenic from natural water," J. Water SRT - Aqua 47, 1998, abstract and pages 59-68. |
| CAS | JK | Murcott, Susan, Appropriate Remediation Technologies for Arsenic-Contaminated Wells," Massachusetts Institute of Technology, "Arsenic in Bangladesh Ground Water" Wagner College, Staten Island, New York, February 27-28, 1999, 13 pgs. |

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| CAS | JL | ADA Technologies, Inc., "Turnkey Arsenic Removal for Small Water Systems," Topic #AF03-265, Proposal #F031-0720, 3 pgs. <i>No date.</i> |
| | JM | Stewart et al., "Stabilization of Radioactively Contaminated Elemental Mercury Wastes," DOE Spectrum 1998 Conference. |
| | JN | Sittig, 1973, Pollutant Removal Handbook: 286-294. |
| | JO | Grant et al., 1987, Grant & Hackh's Chemical Dictionary: 25, 29. |
| | JP | Barth, 1990, The SITE Demonstration of the CHEMFIx Solidification/Stabilization Process at the Portable Equipment Salvage Company Site: 166-170. |
| | JQ | Huang et al., 1991, Emissions of Airborne Toxics from Coal-Fired Boilers: Mercury: 13-16. |
| | JR | Superfund Innovative Technology Evaluation, 1992. |
| | JS | Trezek, 1992, Remediation of Heavy Metals in Soils and Sludges: 1-5. |
| | JT | Darnell et al., 1992, Full-Scale Tests of Sulfur Polymer Cement and Non-radioactive Waste in Heated and Unheated Prototypical Containers: iii-A-8. |
| | JU | Blumbach et al., 1992, Sorbalit - A New Economic Approach Reducing Mercury and Dioxin Emissions: 2-20. |
| | JV | Hartenstein, 1992, A Fixed Bed Activated Coke/Carbon Filter as a Final Gas Cleaning Stage Retrofitted for a Hazardous Waste Incineration Plant - The First 6 Months of Operating Experience: 2-16. |
| | JW | Gorin et al., 1994, Final Disposal Options for Mercury/Uranium Mixed Wastes From the Oak Ridge Reservation: iii-21. |
| | JX | Daryl R., 1998, ADA Technologies, Inc. Memorandum. |
| | JY | 1998, ADA Process for Stabilizing Radioactively Contaminated Elemental Mercury a Success, VIII (3): 1-4. |
| | JZ | Brown, 2000, Stabilization of Mercury Containing Wastes. |
| | KA | 2000, Soil Screening Guidance for Radionuclides: User's Guide: i-C-8. |
| | KB | Davis et al., Mercury Mixed Waste Treatment: 13-23. <i>No date.</i> |
| | KC | Darco FGD Activated Carbon for Removal of Mercury and Dioxin From Flue Gas: 1-5. <i>No date.</i> |
| | KD | Conley, Hg Working Group/Treatment Demonstrations [3PCK]: 1-4. <i>No date.</i> |
| CAS | KE | Broderick et al., Mercury Control and Treatment Processes for Solid, Liquid and Gas Streams. <i>No date.</i> |

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| | | APPLICANT LOVELL et al. | |
| | | FILING DATE June 20, 2003 | GROUP ART 1724 |

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| CAY | KF | Tyson, 1992, Treatability Study for the Amalgamation of a Radioactively Contaminated Elemental Mercury Waste at the Idaho National Engineering Laboratory |
| 1 | KG | Faulkner et al., Size Reduction: 132-162. <i>No date.</i> |
| CAY | KH | Roberts, et al., "Stabilization of Radioactively Contaminated Elemental Mercury Wastes," Paper No. 36-6, WM '98, Tucson, Arizona, March 1-5, 1998 |

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| EXAMINER <i>Ch. phm</i> | DATE CONSIDERED <i>7/5/05</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |